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PLAGUE-PREVENTION WORK.

A CASE OF PLAGUE IN CALIFORNIA.

A case of plague occurred at Oakland, Cal., August 9, in the person of a native Californian, aged 16 years. The infection was received at Pinol Cañon, Contra Costa County, Cal.

INFECTED GROUND SQUIRRELS.

During the week ended August 5, 1911, the finding of 18 plague-infected ground squirrels was reported in California as follows: In Contra Costa County, July 14, at Hittell ranch, 3 miles south of Pinole, 1 squirrel; July 18, at J. Costa ranch, 3 miles northeast of Pinole, 3 squirrels, and at Fernandez, 1 mile south of Pinole, 1 squirrel; July 19, at Peoples' Water Co. land, 1 squirrel; July 24, at Freitas ranch, 4 miles east of Pinole, 1 squirrel; July 25, at Fassler ranch, 2 miles east of Pinole, 1 squirrel; and July 26, at Fassler ranch, 1 squirrel, and at Peoples' Water Co. land, 2½ miles north of Stege, 1 squirrel; July 29, at Peoples' Water Co. land, 2½ miles north of Stege, 1 squirrel; July 31, 1 squirrel, and August 3, 1 squirrel; July 28, at Keller ranch, 2¼ miles east of Stege, 1 squirrel; July 28, at Mason Field ranch, 2¼ miles northeast of Stege, 1 squirrel, and Mason ranch, 3½ miles northeast of Stege, 1 squirrel, and August 3, 1 squirrel; July 29, at Buckley ranch, 4 miles east of Berkeley, 1 squirrel.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California on San Francisco Bay, 3,341 acres of land in Alameda County and 1,015 acres in Contra Costa County were covered with poison during the week ended August 5, 1911.

During the same period 115 acres of land in Merced County and 90 acres in San Benito County were covered with poison for the purpose of eradicating plague foci.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 27, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.

Record of plague infection—Continued.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California—Continued.				
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909....	Wood rat, Oct. 17, 1909.	July 24, 1911.....	107 squirrels; 1 wood rat.
Contra Costa.....	July 21, 1911.....	None.....	Aug. 3, 1911.....	278 squirrels.
Merced.....	None.....	do.....	July 13, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	June 6, 1910.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	June 8, 1911.....	22 squirrels.
San Joaquin.....	None.....	do.....	June 29, 1911.....	17 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911.....	13 squirrels.
Washington:				
Cities—				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Found dead.	Total collected.	Examined.	Found infected.
California:				
Cities—				
Berkeley.....	.....	¹ 117	80	.....
Oakland.....	35	² 669	467	.....
San Francisco.....	20	³ 1,679	1,214	.....

¹ Identified, *Mus norvegicus* 89, *Mus musculus* 28.² Identified, *Mus norvegicus* 535, *Mus musculus* 134.³ Identified, *Mus norvegicus* 947, *Mus musculus* 337, *Mus rattus* 220, *Mus alexandrinus* 175.

Squirrels Collected and Examined for Plague Infection.

Places.	Shot or trapped.	Found dead.	Examined.	Found infected.
California:				
Counties—				
Alameda.....	272	116	301	.....
Butte.....	21	.....	21	.....
Contra Costa.....	148	135	222	18
Glenn.....	288	.....	237	.....
Lake.....	138	28	166	.....
Mendocino.....	193	11	186	.....
Merced.....	37	1	38	.....
Monterey.....	414	.....	383	.....
Plumas.....	38	.....	38	.....
San Benito.....	25	1	26	.....
Sonoma.....	45	.....	45	.....
Stanislaus.....	255	.....	255	.....
Sutter.....	22	.....	22	.....
Tehama.....	102	.....	102	.....
Yolo.....	175	3	178	.....
Nevada:				
Counties—				
Douglas.....	109	.....	109	.....
Ormsby.....	18	.....	18	.....
Oregon:				
Counties—				
Jackson.....	38	.....	38	.....
Total.....	2,338	295	2,385	18

Other Animals Collected and Examined.

Places.	Animals collected.	Exam-ined.	Found infected.
California:			
Cities—			
San Francisco	1 gopher	1	
Counties—			
Butte	1 rabbit	1	
Glenn	4 rabbits	4	
Lake	17 rabbits	17	
Monterey	1 gopher, 2 chipmunks	2	
Plumas	2 chipmunks, 1 wood rat	1	
Sonoma	3 rabbits, 1 cat	4	
Stanislaus	9 rabbits	9	
Sutter	3 rabbits	3	
Tehama	8 rabbits	8	
Yolo	2 rabbits	2	
Total		52	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week Ended August 25, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery	Aug. 6-12	1		
Florida:				
Counties—				
Duval	Aug. 7-13	5		
Gadsden	Aug. 1-6	29		
Sumter	do.	1		
Washington	do.	2		
Total for State		37		
Kansas:				
Counties—				
Allen	May 1-31	7		
Atchison	do.	1		
Barton	do.	6		
Clay	do.	1		
Cloud	do.	1		
Crawford	do.	1		
Dickinson	do.	13		
Doniphan	do.	15		
Douglas	do.	1		
Elk	do.	15		
Franklin	do.	4		
Graham	do.	1		
Harvey	do.	10		
Haskell	do.	19		
Johnson	do.	4		
Labette	do.	3		
Leavenworth	do.	2		
Marion	do.	3		
Marshall	do.	3		
Miami	do.	3		
Mitchell	do.	6		
Montgomery	do.	5		
Norton	do.	8		
Osage	do.	1	3	
Pottawatomie	do.	2		
Reno	do.	3		